

Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
22948	AI-for-Accelerators	Milestone	New	Normal	Project finalization		07/15/2019 04:23 PM
22947	AI-for-Accelerators	Milestone	New	Normal	Project extension exploration, part 1		07/15/2019 04:22 PM
22946	AI-for-Accelerators	Task	New	Normal	Demonstrate dynamic loading of weights without re-flashing the FPGA?		07/15/2019 04:21 PM
22945	AI-for-Accelerators	Task	New	Normal	Demonstrate training based on data collection with the RL agent and automated re-flashes of the FPGA		07/15/2019 04:20 PM
22944	AI-for-Accelerators	Task	New	Normal	Demonstrate training based on data collection with the RL agent using manual re-flashes of the FPGA		07/15/2019 04:20 PM
22943	AI-for-Accelerators	Task	New	Normal	Training mechanism validation		07/15/2019 04:20 PM
22942	AI-for-Accelerators	Milestone	New	Normal	Historical agent		07/15/2019 04:19 PM
22937	AI-for-Accelerators	Task	New	Normal	Finalize long-term storage estimates and required storage horizons		07/12/2019 03:20 PM
22936	AI-for-Accelerators	Task	New	Normal	Finalize list of required devices and catalogers		07/12/2019 03:19 PM
22935	AI-for-Accelerators	Task	New	Normal	Data products, part 3		07/12/2019 03:19 PM
22934	AI-for-Accelerators	Task	New	Normal	Implement agent based on training to the current system with historical data on a PC (board?) in the hall that can communicate with the real GMPS		07/12/2019 03:18 PM
22933	AI-for-Accelerators	Task	New	Normal	Investigate deployment to PC for "slow" inference and training		07/12/2019 03:17 PM
22932	AI-for-Accelerators	Milestone	New	Normal	Algorithm development, part 2		07/12/2019 03:18 PM
22923	AI-for-Accelerators	Task	New	Normal	Establish a safe and ORC-allowed work area with a PC for slow interface with the current control system.		07/11/2019 01:42 PM
22922	AI-for-Accelerators	Milestone	New	Normal	Hall work part 1		07/11/2019 01:42 PM
22921	AI-for-Accelerators	Task	New	Normal	Refine long-term storage estimates		07/11/2019 01:40 PM
22920	AI-for-Accelerators	Task	New	Normal	Refine list of required devices and catalogers		07/11/2019 01:39 PM
22918	AI-for-Accelerators	Feature	New	Normal	Data products, part 2		07/11/2019 01:40 PM
22844	AI-for-Accelerators	Task	New	Normal	Understand required number of ops / computations / resources (what are the metrics and how do we decide?)		06/28/2019 04:40 PM
22842	AI-for-Accelerators	Task	New	Normal	Design ACNET input system for the board		06/28/2019 04:39 PM
22841	AI-for-Accelerators	Task	New	Normal	Understand input bandwidth requirements		06/28/2019 04:39 PM
22840	AI-for-Accelerators	Task	New	Normal	Test full workflow with boards on-hand		06/28/2019 04:38 PM
22839	AI-for-Accelerators	Milestone	New	Normal	Test algorithm implementation on hardware with hls4ml		06/28/2019 04:40 PM
22834	AI-for-Accelerators	Task	New	Normal	Train agent, iterating on different reinforcement learning paradigms and algorithms as needed		06/27/2019 04:25 PM
22833	AI-for-Accelerators	Feature	New	Normal	Build a "kick-started" candidate agent		06/27/2019 04:25 PM
22832	AI-for-Accelerators	Task	New	Normal	Train agent, iterating on different reinforcement learning paradigms and algorithms as needed		06/27/2019 04:24 PM

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22831	AI-for-Accelerators	Task	New	Normal	Build agent for training from historical data - mimic current algorithm		06/27/2019 04:24 PM
22830	AI-for-Accelerators	Task	New	Normal	Develop research plan for safe agent behavior		06/27/2019 04:22 PM
22829	AI-for-Accelerators	Feature	New	Normal	Algorithm development, part I		06/27/2019 04:25 PM
22802	AI-for-Accelerators	Feature	New	Normal	Build a distributed training system for faster turnaround		06/21/2019 11:44 AM
22801	AI-for-Accelerators	Task	New	Normal	Investigate TF-Agents, home-brew systems		06/21/2019 11:43 AM
22800	AI-for-Accelerators	Feature	New	Normal	Build a framework for agent deployment		06/21/2019 11:43 AM
22799	AI-for-Accelerators	Feature	New	Normal	Build offline training system		06/21/2019 11:44 AM
22794	AI-for-Accelerators	Feature	New	Normal	Develop solution for querying stored data		06/20/2019 04:45 PM
22793	AI-for-Accelerators	Task	New	Normal	Estimate storage requirements over 1, 3, 6, 12 month timelines		06/20/2019 04:44 PM
22792	AI-for-Accelerators	Task	New	Normal	Set up long-term storage mechanism for data products		06/20/2019 04:44 PM
22791	AI-for-Accelerators	Task	New	Normal	Create list of initial set of devices and dataloggers (ACNET)		06/20/2019 04:42 PM
22790	AI-for-Accelerators	Feature	New	Normal	Full current set data readout and storage		06/20/2019 04:41 PM
22787	AI-for-Accelerators	Milestone	New	Normal	Data Products, Part 1		06/20/2019 04:44 PM
15156	GENIE	Feature	Closed	High	Modify GENIE Comparisons package to produce Minerva App Plots	Julia Yarba	03/13/2017 12:05 PM
14651	GENIE	Feature	New	Normal	Begin using CI	Julia Yarba	02/20/2017 12:15 PM
14650	GENIE	Feature	New	Normal	Multiple configurations	Julia Yarba	02/20/2017 12:15 PM
14649	GENIE	Feature	New	Normal	Large scale physics validation	Julia Yarba	03/13/2017 12:19 PM
14648	GENIE	Feature	New	Normal	Consult with CI team about unit tests.	Julia Yarba	02/20/2017 12:13 PM
14647	GENIE	Feature	New	Normal	Discuss partnerships with CI team	Julia Yarba	03/13/2017 12:06 PM
14646	GENIE	Feature	New	Normal	Continuous integration	Julia Yarba	03/13/2017 12:19 PM
14645	GENIE	Feature	New	Normal	Unit test documentation	Julia Yarba	02/20/2017 12:19 PM
14644	GENIE	Feature	New	Normal	First dozen tests	Julia Yarba	03/23/2017 05:55 PM
14642	GENIE	Feature	New	Normal	Plan for updating test results	Julia Yarba	02/20/2017 12:18 PM
14641	GENIE	Feature	New	Normal	Unit tests framework	Julia Yarba	03/23/2017 05:55 PM
14640	GENIE	Feature	New	Normal	Unit tests repository	Julia Yarba	03/23/2017 05:53 PM
14639	GENIE	Feature	New	Normal	Unit tests pilot project	Julia Yarba	03/23/2017 05:53 PM
14638	GENIE	Feature	New	Normal	Unit tests	Julia Yarba	03/23/2017 05:55 PM
14637	GENIE	Feature	New	Normal	Numerical summary tables	Julia Yarba	01/13/2017 04:49 PM
14636	GENIE	Feature	New	Normal	Dossier import	Julia Yarba	01/13/2017 04:48 PM
14635	GENIE	Feature	New	Normal	Dossier export	Julia Yarba	01/13/2017 04:48 PM
14633	GENIE	Feature	New	Normal	MiniBooNE and T2K apps	Julia Yarba	01/13/2017 04:47 PM
14632	GENIE	Feature	New	Normal	MINERvA apps	Julia Yarba	03/30/2017 11:12 AM
14631	GENIE	Feature	New	Normal	Version-to-version regression tests in Comparisons	Julia Yarba	11/23/2016 12:32 PM

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14630	GENIE	Feature	New	Normal	Modify AVS scripting framework to run validation applications	Julia Yarba	03/30/2017 11:12 AM
14629	GENIE	Feature	Closed	Normal	Establish build procedure	Julia Yarba	02/06/2017 12:26 PM
14628	GENIE	Feature	New	High	Transition to new Comparisons package	Julia Yarba	03/30/2017 11:12 AM
10388	GENIE	Support	Closed	Normal	GENIE 2.10 Validation	Gabriel Perdue	05/02/2016 01:43 PM
9072	GENIE	Feature	Rejected	Normal	Develop validation app for new Berger-Sehgal Coherent Pion model	Gabriel Perdue	10/12/2016 01:59 PM
9071	GENIE	Feature	Closed	Normal	Clean up Alvarez-Ruso Coherent Pion Model	Gabriel Perdue	09/21/2015 09:38 AM
8531	GENIE	Feature	Closed	Normal	Port Berger-Sehgal into integration branch (trunk)		06/05/2015 04:23 PM
8248	GENIE	Feature	Assigned	Normal	Argon de-ex and low-Energy x-sec validation app	Gabriel Perdue	05/02/2016 01:44 PM
8247	GENIE	Feature	Closed	Normal	Clean-up Argon de-excitation code	Gabriel Perdue	05/02/2016 01:44 PM
8246	GENIE	Feature	Assigned	Normal	Check Strumia and Vissani on Argon	Gabriel Perdue	05/02/2016 01:45 PM
8240	GENIE	Feature	Assigned	Normal	notification / quality reporting	Julia Yarba	09/21/2015 09:45 AM
8239	GENIE	Feature	Assigned	Normal	push GENIE after successful build to CVMFS	Tomasz Golan	12/02/2015 06:10 PM
8238	GENIE	Feature	Closed	Normal	Write a script to populate CVMFS with GENIE 3rd party codes	Robert Hatcher	06/10/2015 05:23 PM
8237	GENIE	Feature	Assigned	Normal	Resolve CVMFS permissions and usage model	Tomasz Golan	12/02/2015 06:16 PM
7599	GENIE	Feature	Rejected	Normal	Establish GENIE CVMFS repository	Gabriel Perdue	04/29/2015 02:48 PM
7496	GENIE	Feature	Closed	Normal	Fully automated build scripts	Gabriel Perdue	04/29/2015 02:49 PM
7434	GENIE	Feature	Closed	Normal	Inclusive Eta Production	Robert Hatcher	03/05/2015 03:43 PM
7433	GENIE	Feature	Closed	Normal	Very high energy additions	Robert Hatcher	03/05/2015 03:43 PM
7431	GENIE	Feature	Closed	Normal	Single Kaon model	Gabriel Perdue	03/05/2015 03:41 PM
7429	GENIE	Feature	Closed	Normal	Nowak-Dytman modifications to Resonance Model	Gabriel Perdue	04/20/2015 10:23 AM
7428	GENIE	Feature	Rejected	Normal	Berger-Sehgal COH Pion (Paper Implementation)	Gabriel Perdue	03/05/2015 03:39 PM
7426	GENIE	Feature	Closed	Normal	Bodek-Coopersmith SUSAN Model	Gabriel Perdue	03/05/2015 03:39 PM
7425	GENIE	Feature	Closed	Normal	GENIE 2.9	Gabriel Perdue	04/20/2015 12:06 PM
6818	GENIE	Feature	Assigned	Normal	Grid access and permissions	Tomasz Golan	09/21/2015 09:48 AM
6743	GENIE	Milestone	Closed	High	2.8.2 Validation	Gabriel Perdue	09/05/2014 03:56 PM
6639	GENIE	Feature	Closed	Normal	Test the BS model against Berger's Nulnt 09 Numbers	Gabriel Perdue	10/12/2016 02:16 PM
6638	GENIE	Feature	Closed	Normal	Clean up the kinematics doc	Gabriel Perdue	10/12/2016 01:59 PM
6637	GENIE	Feature	Closed	Normal	Move the bounds of integration into the Rein-Sehgal model.	Gabriel Perdue	09/21/2015 09:42 AM
6636	GENIE	Feature	Closed	Normal	Finite nucleus mass correction for coherent pion model	Gabriel Perdue	10/12/2016 02:16 PM
6635	GENIE	Feature	Closed	Normal	Paschos-Schalla bounds of integration for Berger-Sehgal	Gabriel Perdue	05/02/2016 01:38 PM
6623	GENIE	Bug	Closed	Normal	Stop the build on an error.	Gabriel Perdue	09/09/2014 09:31 AM
6593	GENIE	Feature	Closed	Normal	Berger Sehgal review implementation		10/12/2016 02:16 PM
6542	GENIE	Feature	New	Normal	Investigate GENIE/Geant interface for handling de-excitation photons	Gabriel Perdue	11/23/2016 11:24 AM

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6518	GENIE	Feature	New	Normal	Allow user to specify the UserPhysicsOptions name/location.		10/05/2015 10:17 AM
6462	GENIE	Feature	Assigned	Normal	Write scripting framework to build and run GENIE for the automated validation suite.	Tomasz Golan	09/21/2015 09:49 AM
6461	GENIE	Feature	Closed	Normal	Secure hardware resources	Gabriel Perdue	04/20/2015 10:25 AM
6460	GENIE	Feature	Closed	Normal	Test the new FNAL Build Service with CVMFS	Tomasz Golan	09/21/2015 09:50 AM
6459	GENIE	Milestone	Closed	Normal	Code Review for Berger Sehgal	Gabriel Perdue	07/07/2014 12:06 PM
6428	GENIE	Feature	Rejected	Normal	Non-IBD VLE reactions on Carbon	Gabriel Perdue	04/03/2015 01:48 PM
6427	GENIE	Feature	Rejected	Normal	De-excitation Photons for IBD on Carbon	Gabriel Perdue	04/03/2015 01:47 PM
6426	GENIE	Feature	Closed	Normal	Check Strumia and Vissani on Carbon	Gabriel Perdue	04/20/2015 10:25 AM
6414	GENIE	Feature	Assigned	Normal	Validate / Expand VLE Mode	Gabriel Perdue	05/02/2016 01:44 PM
6182	MINERvA Software Infrastructure	Necessary Maintenance	Assigned	Low	Test auto metadata production from FTS on if04	Heidi Schellman	06/15/2014 11:16 AM
6181	MINERvA Software Infrastructure	Necessary Maintenance	Closed	Immediate	Replace cpn with ifdh for MINOS files	Marc Mengel	02/23/2015 02:33 PM
6179	MINERvA Software Infrastructure	Necessary Maintenance	Assigned	Normal	Contact Joe and get a copy of our current batch config file and clean it up	Philip Rodrigues	08/11/2014 03:58 PM
6178	MINERvA Software Infrastructure	Feature	Feedback	Normal	Use hierarchical grid quotas as they come online		06/12/2014 07:25 PM
6157	MINERvA Software Infrastructure	Necessary Maintenance	New	Normal	Procure a set of binaries for the LCG set needed for Minerva software	Philip Rodrigues	08/11/2014 03:59 PM
6156	MINERvA Software Infrastructure	Necessary Maintenance	New	Normal	Produce and test an SL6 compatibility build	Philip Rodrigues	08/11/2014 04:00 PM
6155	MINERvA Software Infrastructure	Necessary Maintenance	Assigned	Normal	SL6 Migration	Philip Rodrigues	08/11/2014 04:00 PM
6154	MINERvA Software Infrastructure	Review Request	Closed	Normal	Special Test queue		02/23/2015 02:34 PM
6153	MINERvA Software Infrastructure	Review Request	Closed	Immediate	The use of a Minerva personnel's personal credentials for the operation of data handling services should be curtailed.	Gabriel Perdue	02/23/2015 02:34 PM
6152	MINERvA Software Infrastructure	Review Request	Closed	Immediate	Remove direct cpn calls	Cheryl Patrick	02/23/2015 02:33 PM
6151	MINERvA Software Infrastructure	Review Request	New	Immediate	Remove direct file read/write to/from BlueArc	Jaewon Park	05/06/2014 03:44 PM
6150	MINERvA Software Infrastructure	Review Request	Closed	Normal	Configuration Versioning	Heidi Schellman	02/23/2015 03:23 PM
6149	MINERvA Software Infrastructure	Review Request	Closed	Normal	Credentials	Cheryl Patrick	02/23/2015 03:23 PM
6148	MINERvA Software Infrastructure	Review Request	Closed	Normal	JSON based metadata		02/23/2015 02:31 PM

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6147	MINERvA Software Infrastructure	Review Request	Closed	Normal	SAM for Analysis Files		02/23/2015 02:29 PM
6146	MINERvA Software Infrastructure	Review Request	Closed	Normal	End of Run Validation	Heidi Schellman	02/23/2015 02:26 PM
6145	MINERvA Software Infrastructure	Review Request	Closed	Normal	SAM - samweb compatibility		02/23/2015 02:17 PM
6144	MINERvA Software Infrastructure	Review Request	Assigned	Normal	File Access Audit	Daniel Ruterbories	02/23/2015 02:24 PM
6143	MINERvA Software Infrastructure	Review Request	Closed	Normal	File Naming Convention		02/23/2015 02:23 PM
6142	MINERvA Software Infrastructure	Review Request	Closed	Normal	Job Bookkeeping		02/23/2015 02:21 PM
6140	MINERvA Software Infrastructure	Review Request	Assigned	Normal	Large Dataset Management	Daniel Ruterbories	02/23/2015 02:20 PM
6139	MINERvA Software Infrastructure	Review Request	Closed	Normal	Bulk Restore from SFA		05/02/2014 10:31 AM
6138	MINERvA Software Infrastructure	Review Request	Closed	Normal	Unify calibration scripts framework for long term maintainability and dCache compatability	Daniel Ruterbories	07/08/2015 04:07 PM
6137	MINERvA Software Infrastructure	Support	Assigned	Low	FTS for DAQ	Marc Mengel	06/15/2014 11:16 AM
6136	MINERvA Software Infrastructure	Review Request	Accepted	Normal	Minerva Offline Coordinator	Daniel Ruterbories	02/23/2015 02:18 PM
6135	MINERvA Software Infrastructure	Review Request	New	Immediate	Data Management Workflow Umbrella Task		07/08/2015 04:08 PM
6134	MINERvA Software Infrastructure	Support	New	Normal	Create new disk and CPU utilization model for FY15 SPPM Meeting	Gabriel Perdue	05/02/2014 10:12 AM
6133	MINERvA Software Infrastructure	Support	New	Normal	Transition FTS from development to experiment support		06/15/2014 11:15 AM
6132	MINERvA Software Infrastructure	Support	New	Normal	Start using SAM dataset definitions as the basis for playlists		05/02/2014 10:16 AM
6131	MINERvA Software Infrastructure	Support	Closed	Normal	Make samweb understand old SAM metadata / produce new samweb format data where appropriate	Jaewon Park	02/23/2015 02:17 PM
6130	MINERvA Software Infrastructure	Support	Closed	Normal	Write production directly to dopbox?		02/23/2015 02:01 PM
6129	MINERvA Software Infrastructure	Support	Closed	Normal	Declare metadata to catalog at time of creation		02/23/2015 02:31 PM
6128	MINERvA Software Infrastructure	Support	Closed	Normal	Get calibration to use dCache scratch for output	Daniel Ruterbories	07/08/2015 04:08 PM
6127	MINERvA Software Infrastructure	Support	Closed	Normal	Get calibration to use PNFS with catalog for input		02/23/2015 02:00 PM

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6126	MINERvA Software Infrastructure	Support	Closed	Normal	Run Ana job from Reco files declared by the new FTS		05/02/2014 10:15 AM
6125	MINERvA Software Infrastructure	Support	Closed	Normal	FTS page viewable offsite		05/02/2014 10:14 AM
6124	MINERvA Software Infrastructure	Support	Feedback	Normal	Comprehensive Data Management Documentation	Heidi Schellman	06/15/2014 11:22 AM
6123	MINERvA Software Infrastructure	Support	Closed	Normal	Modify ProductionScripts framework to use PNFS with catalog for input.	Jaewon Park	05/06/2014 03:53 PM
6122	MINERvA Software Infrastructure	Support	Closed	Normal	Delete old production files from BlueArc disk.	Mousumi Datta	02/23/2015 01:59 PM
6121	MINERvA Software Infrastructure	Support	Closed	Normal	Modify ProductionScripts framework for production into dCache	Jaewon Park	02/23/2015 01:58 PM
6120	MINERvA Software Infrastructure	Support	Closed	Normal	Test user analysis from PNFS using the catalog		05/02/2014 10:14 AM
6119	MINERvA Software Infrastructure	Feature	Closed	Normal	Test production using dCache scratch as input to later stages.	Mousumi Datta	05/06/2014 03:43 PM
6118	MINERvA Software Infrastructure	Support	Closed	Normal	Test Data Production into dCache Scratch	Jaewon Park	02/23/2015 01:57 PM
6117	MINERvA Software Infrastructure	Support	Closed	Low	Test FTS from dCache Scratch to catalogued PNFS	Michael Diesburg	06/15/2014 11:16 AM
6077	GENIE	Support	Closed	Normal	Transition to the newest LHAPDF (6)	Gabriel Perdue	10/20/2014 11:31 AM
6076	GENIE	Support	Closed	Normal	Make sure all GENIE 3rd party software packages build under clang.	Gabriel Perdue	05/02/2016 01:41 PM
6075	GENIE	Support	Closed	Normal	Get GENIE to build under clang on Mac OSX.	Gabriel Perdue	05/02/2016 01:41 PM
6074	GENIE	Support	Assigned	Normal	Transition from Pythia6 to Pythia8	Gabriel Perdue	05/02/2016 01:40 PM
6058	GENIE	Feature	Closed	Normal	Finish Jacobian calculation for Berger-Sehgal coherent pion model.	Gabriel Perdue	07/07/2014 12:02 PM
6057	GENIE	Feature	Closed	Normal	Implement importance sampling for Berger-Sehgal coherent pion model.	Gabriel Perdue	06/13/2014 10:15 AM
6056	GENIE	Feature	Closed	Normal	Synchronize _devel_branch_not_for_users_v280_06jun13_hugh_nd9832nXlI3a1 branch and check for changes.	Gabriel Perdue	05/30/2014 03:17 PM
6055	GENIE	Feature	Closed	Normal	Finish implementation of Berger-Sehgal Coherent Pion Model	Gabriel Perdue	10/12/2016 02:16 PM
6050	GENIE	Feature	Assigned	Normal	Full Automated Validation Framework	Gabriel Perdue	12/02/2015 06:16 PM
1448	MINERvA Run Control	Feature	Closed	Normal	Special Run-Control One-off For Undead Charge Study	Jeremy Wolcott	07/15/2011 01:08 PM